



EXPRESS MAIL NO. EV020662309US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Ralf M. Luche and Bo Wei
Application No. : 09/544,525
Filed : April 6, 2000
For : DSP-3 DUAL-SPECIFICITY PHOSPHATASE

Examiner : Rebecca E. Prouty
Art Unit : 1652
Docket No. : 200125.408
Date : October 9, 2002

Commissioner for Patents
U.S. Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

#15
P.93
10/22/02
RECEIVED

OCT 17 2002

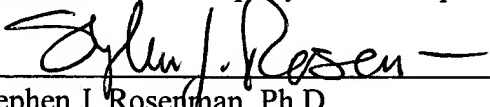
TECH CENTER 1600/2900

REQUEST FOR SUBSTITUTION OF DRAWINGS

Commissioner for Patents:

Drawing substitutions for Figures 1, 2, and 3 are hereby submitted for approval by the Examiner. The substitute figures are identical to Figures 1-3 in provisional application No. 60/142,338 (filed July 2, 1999) (incorporated by reference in its entirety into the present application), and are supported by the text of provisional application No. 60/142,338 and the present specification (*see, e.g.*, present specification at page 7, lines 15-24; page 12, lines 8-18; Example 1).

Respectfully submitted,
Ralf M. Luche and Bo Wei
Seed Intellectual Property Law Group PLLC



Stephen J. Rosenman, Ph.D.
Registration No. 43,058

SJR:kw

Enclosures:

Postcard
3 Sheets of Figures (Substituted Figures 1, 2, and 3)
701 Fifth Avenue, Suite 6300
Seattle, Washington 98104-7092
Phone: (206) 622-4900
Fax: (206) 682-6031



DSP-3, encoded by 552 base pairs

```
1  CCCC GCCGCT CCTCCTCCCT GTAACATGCC ATAGTGCGCC TCGGACCACA CGGCCGGGGC
61 GCTAGCGTTC GCCTTCAGCC ACCATGGGGA ATGGGATGAA CAAGATCCTG CCCGCCCTGT
121 ACATCGGCAA CTTCAAAGAT GCCAGAGACG CGGAACAATT GAGCAAGAAC AAGGTGACAC
181 ATATTCTGTC TGTCCACGAT AGTGCCAGGC CTATGTTGGA GGGAGTTAAA TACCTGTGCA
241 TCCCAGCAGC GGATTCACCA TCTCAAACC TGACAAGACA TTTCAAAGAA AGTATTAAAT
301 TCATTACGA GTGCCGGCTC CGCGGTGAGA GCTGCCTTGT ACACTGCCTG GCCGGGGTCT
361 CCAGGAGCGT GACACTGGTG ATCGCATACA TCATGACCGT CACTGACTTT GGCTGGGAGG
421 ATGCCCTGCA CACCGTGCGT GCTGGGAGAT CCTGTGCCAA CCCCAACGTG GGCTTCCAGA
481 GACAGCTCCA GGAGTTTGAG AAGCATGAGG TCCATCAGTA TCGGCAGTGG CTGAAGGAAG
541 AATATGGAGA GAGCCCTTTG CAGGATGCAG AAGAAGCCAA AAACATTCTG GCCGCTCCAG
601 GAATTCTGAA GTTCTGGGCC TTTCTCAGAA GACTGTAATG TACCTGAAGT TTCTGAAATA
661 TTGCAAACCC GCAGAGTTTA GGCTGGTGCT GCCAAAAAGA AAAGCAACAT AGAGTTTAAG
721 TATCCAGTAG TGATTTGTAA ACTTGTTTTT CATTTGAAGC TGAATATATA CGTAGTCATG
781 TTTATGTTGA GAACTAAGGA TATTCTTTAG CAAGAGAAAA TATTTTCCCC TTATCCCCAC
841 TGCTGTGGAG GTTTCTGTAC CTCGCTTGGA TGCCTGTAAG GATCCCGGGA GCCTTGCCGC
901 ACTGCCTTGT GGGTGGCTTG GCGCTC
```

FIG. 1

Translated full length protein, 184 amino acids

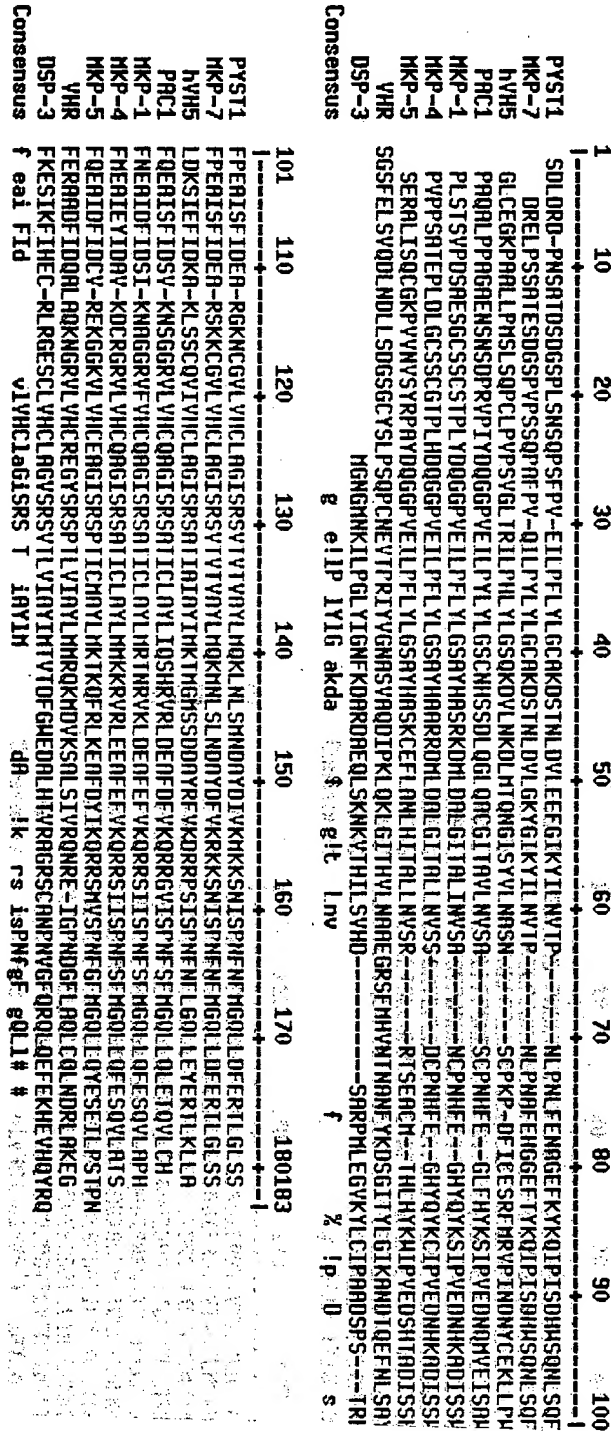
MGNGMNKILPGLYIGNFKDARDAEQLSKNKVTHILSVHDSARPMLEGVKYLCIPAADSPS
QNLTRHFKESEIKFIHECRLRGESCLVHCLAGVSRSVTLVIAIYIMTVTDFGWEDALHTVRA
GRSCANPNVGFQRLQEFKHEVHQYRQWLKEEYGESPLQDAEEAKNILAAPGILKFWAF
LRRL*

FIG. 2



RECEIVED
OCT 17 2002
TECH CENTER 1600/2900

FIG. 3



RECEIVED
 OCT 17 2002
 TECH CENTER 1600/2900

